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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-25896; Directorate Identifier 2006-NE-33-AD; Amendment 39-14775; AD 2006-20-06]

RIN 2120-AA64

Airworthiness Directives; General Electric Company CF34-10E Series Turbofan Engines; Correction

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule; correction.

SUMMARY: This document makes a correction to Airworthiness Directive (AD) 2006-20-06. That AD applies to General Electric Company (GE) CF34-10E series turbofan engines. We published AD 2006-20-06 in the Federal Register on September 29, 2006 (71 FR 57403). The issue date of the AD was inadvertently omitted. This document adds the AD issue date. In all other respects, the original document remains the same.

DATES: Effective Date: Effective October 16, 2006.

FOR FURTHER INFORMATION CONTACT: Tara Fitzgerald, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; telephone (781) 238-7130; fax (781) 238-7199.

SUPPLEMENTARY INFORMATION: A final rule AD, FR Doc. 06-8284, that applies to GE CF34-10E series turbofan engines was published in the Federal Register on September 29, 2006 (71 FR 57403). The following correction is needed:

§ 39.13 [Corrected]

On page 57405, in the first column, after compliance paragraph (q), add "Issued in Burlington, Massachusetts, on September 21, 2006."

Issued in Burlington, MA, on October 6, 2006.
Peter A. White,
Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.
[FR Doc. E6-17007 Filed 10-13-06; 8:45 am]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-25896; Directorate Identifier 2006-NE-33-AD; Amendment 39-14775; AD 2006-20-06]

RIN 2120-AA64

Airworthiness Directives; General Electric Company CF34-10E Series Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule; request for comments.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for General Electric Company (GE) CF34-10E series turbofan engines. This AD requires removing the main fuel pump (MFP) inlet strainer from certain MFPs, installing a certain replacement flange as an interim repair, and performing initial and repetitive visual inspections of the main fuel filter. This AD results from three reports of release of the tripod support legs on the MFP inlet strainer, leading to engine in-flight shutdown. We are issuing this AD to prevent engine in-flight shutdown due to MFP malfunctions.

DATES: This AD becomes effective October 16, 2006. The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of October 16, 2006.

We must receive any comments on this AD by November 28, 2006.

ADDRESSES: Use one of the following addresses to comment on this AD:

- DOT Docket Web site: Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.
- Government-wide rulemaking Web site: Go to <http://www.regulations.gov> and follow the instructions for sending your comments electronically.
- Mail: Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.
- Fax: (202) 493-2251.
- Hand Delivery: Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Contact General Electric Company via Lockheed Martin Technology Services, 10525 Chester Road, Suite C, Cincinnati, Ohio 45215, telephone (513) 672-8400, fax (513) 672-8422.

FOR FURTHER INFORMATION CONTACT: Tara Fitzgerald, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; telephone: (781) 238-7130, fax: (781) 238-7199.

SUPPLEMENTARY INFORMATION: In August 2006, we became aware of one report, and in September 2006, two reports of cracking and release of the tripod support legs on the MFP inlet strainer, leading to engine in-flight shutdown, on GE CF34-10E series turbofan engines. When the tripod support legs release, they travel downstream and impact against the MFP gear assembly. This causes the MFP to jam, interrupting fuel flow, which leads to engine flameout. Investigations are ongoing, and our preliminary determination is that the cause of failure is a manufacturing quality control problem with the MFP inlet strainers. Current field data shows that the failures are an infant mortality type of failure. This AD requires removing the low-time strainers first. This condition, if not corrected, could result in an engine in-flight shutdown due to MFP malfunctions.

Relevant Service Information

We have reviewed and approved the technical contents of GE Alert Service Bulletin (ASB) No. CF34-10E S/B 73-A0011, dated September 15, 2006. That ASB describes procedures for removing the MFP inlet strainer, installing a certain replacement flange as an interim repair, and initial and repetitive visual inspections of the main fuel filter.

FAA's Determination and Requirements of This AD

The unsafe condition described previously is likely to exist or develop on other GE CF34-10E series turbofan engines of the same type design. For that reason, we are issuing this AD to prevent engine in-flight shutdown due to MFP malfunctions. This AD requires:

- Within 40 engine flight hours after the effective date of this AD, removing the MFP inlet strainer from the affected MFPs listed by serial number in GE ASB No. CF34-10E S/B 73-A0011, dated September 15, 2006; and
- Within 150 engine flight hours after the effective date of this AD, removing all other MFP inlet strainers; and
- Installing a certain replacement flange in all MFPs as an interim repair; and
- Marking the MFP part number from 2043M12P03 to 2043M12P04; and
- Performing initial and repetitive visual inspections of the main fuel filter.

You must use the service information described previously to perform the actions required by this AD.

FAA's Determination of the Effective Date

Since an unsafe condition exists that requires the immediate adoption of this AD, we have found that notice and opportunity for public comment before issuing this AD are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

Interim Action

These actions are interim actions and we may take further rulemaking actions in the future.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an opportunity for public comment; however, we invite you to send us any written relevant

data, views, or arguments regarding this AD. Send your comments to an address listed under ADDRESSES. Include "AD Docket No. FAA-2006-25896; Directorate Identifier 2006-NE-33-AD" in the subject line of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify it.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact with FAA personnel concerning this AD. Using the search function of the DMS Web site, anyone can find and read the comments in any of our dockets, including the name of the individual who sent the comment (or signed the comment on behalf of an association, business, labor union, etc.). You may review the DOT's complete Privacy Act Statement in the Federal Register published on April 11, 2000 (65 FR 19477-78) or you may visit <http://dms.dot.gov>.

Examining the AD Docket

You may examine the docket that contains the AD, any comments received, and any final disposition in person at the Docket Management Facility Docket Office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Office (telephone (800) 647-5227) is located on the plaza level of the Department of Transportation Nassif Building at the street address stated in ADDRESSES. Comments will be available in the AD docket shortly after the DMS receives them.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, Section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that the regulation:

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary at the address listed under ADDRESSES.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

Under the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive:

AIRWORTHINESS DIRECTIVE

www.faa.gov/aircraft/safety/alerts/
www.gpoaccess.gov/fr/advanced.html

U.S. Department
of Transportation
**Federal Aviation
Administration**



CORRECTION: [*Federal Register: October 16, 2006 (Volume 71, Number 199); Page 60663;*
www.access.gpo.gov/su_docs/aces/aces140.html]

2006-20-06 General Electric Company: Amendment 39-14775. Docket No. FAA-2006-25896;
Directorate Identifier 2006-NE-33-AD.

Effective Date

- (a) This airworthiness directive (AD) becomes effective October 16, 2006.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to General Electric Company (GE) CF34-10E2A1, -10E5, -10E5A1, -10E6, -10E6A1, and -10E7 turbofan engines. These engines are installed on, but not limited to, Embraer ERJ 190-100-STD, ERJ 190-100-LR, and ERJ 190-100-IGW airplanes.

Unsafe Condition

- (d) This AD results from three reports of release of the tripod support legs on the main fuel pump (MFP) fuel inlet strainer, leading to engine in-flight shutdown. We are issuing this AD to prevent engine in-flight shutdown due to MFP malfunctions.

Compliance

- (e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

Removal of Main Fuel Pump Inlet Strainers

- (f) Within 40 engine flight hours after the effective date of this AD, remove the MFP inlet strainer from the affected MFPs listed by serial number in paragraph D. of GE Alert Service Bulletin (ASB) No. CF34-10E S/B 73-A0011, dated September 15, 2006.
- (g) Within 150 engine flight hours after the effective date of this AD, remove all other MFP inlet strainers.
- (h) Install a replacement flange, part number 837683, in all MFPs as an interim repair.
- (i) Remark the MFP part number from 2043M12P03 to 2043M12P04.

(j) When performing the actions in paragraphs (f), (g), (h), and (i) of this AD, use paragraphs 3.A. through 3.E.(1)(c) of the Accomplishment Instructions of GE ASB No. CF34-10E S/B 73-A0011, dated September 15, 2006.

Inspection of Main Fuel Filters

(k) Perform an initial visual inspection of the main fuel filter at the time of MFP inlet strainer removal in paragraphs (f) and (g) of this AD.

(l) Perform repetitive visual inspections of the main fuel filter within every additional 160 engine flight hours.

(m) When performing main fuel filter visual inspections in paragraphs (k) and (l) of this AD, use paragraphs 3.F.(1) through 3.F.(6) of the Accomplishment Instructions of GE ASB No. CF34-10E S/B 73-A0011, dated September 15, 2006.

Recommended Actions

(n) We recommend that operators avoid performing the actions in this AD on both engines installed on the same airplane at the same time, if at all possible.

Alternative Methods of Compliance

(o) The Manager, Engine Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

Related Information

(p) Brazilian emergency airworthiness directive No. 2006-09-04, dated September 15, 2006, also addresses the subject of this AD.

Material Incorporated by Reference

(q) You must use General Electric Company Alert Service Bulletin No. CF34-10E S/B 73-A0011, dated September 15, 2006, to perform the actions required by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact General Electric Company via Lockheed Martin Technology Services, 10525 Chester Road, Suite C, Cincinnati, Ohio 45215, telephone (513) 672-8400, fax (513) 672-8422, for a copy of this service information. You may review copies at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Burlington, Massachusetts, on September 21, 2006.
Francis A. Favara,
Manager, Engine and Propeller Directorate, Aircraft Certification Service.
[FR Doc. 06-8284 Filed 9-28-06; 8:45 am]